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Serial Number: 10/782,684

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Inventor Information for 10/782684

Inventor Name	City	State/Country
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Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign I
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US 20060122681 A1	US- PGPUB	20060608	13	Automatic capture pacing lead	607/123	607/121	Kroll, Mark W. et al.
US 20060100494 A1	US- PGPUB	20060511		System and method for monitoring blood glucose levels using an implantable medical device	600/365	600/508; 607/22	Kroll, Mark W.
US 20050284412 A1	US- PGPUB	20051229		Domestic animal telephone	119/719		Kroll, Mark W.
US 20050261743 A1	US- PGPUB	20051124		System and method for automated fluid monitoring	607/8		Kroll, Mark W.
US 20050229425 A1	US- PGPUB	20051020		Ambulatory hairdryer	34/283	34/99	Kroll, Mollie B. et al.
US 20050197676 A1	US- PGPUB	20050908		Electrical cardiac output forcer	607/17		Kroll, Kai et al.
US 20050197673 A1	US- PGPUB	20050908		Left heart implantable cardiac stimulation system with clot prevention and method	607/9		Kroll, Mark W.
US 20050168681 A1	US- PGPUB	20050804		Tan-thru glasses	351/44		Kroll, Mark W. et al.
US 20050085862 A1	US- PGPUB	20050421		Implantable cardiac stimulation device including an output circuit that provides arbitrarily shaped defibrillation waveforms	607/5		Moulder, J. Christopher et al.
US 20050072429 A1	US- PGPUB	20050407		Breathing gas therapeutic method and apparatus	128/205.27	128/202.12; 128/204.18; 128/205.25	Kroll, Mark W.
US 20050055900 A1	US- PGPUB	20050317		Toddler stair safety system	52/182		Kroll, Lori C. et al.
US 20050004507 A1	US- PGPUB	20050106		Method and device for treating cancer with electrical therapy in conjunction with chemotherapeutic agents and radiation therapy	604/20		Schroeppel, Edward A. et al.
US 20040254618 A1	US- PGPUB	20041216		Implantable device and method for the electrical treatment of cancer	607/74		Schroeppel, Edward A. et al.
US 20040103553 A1	US- PGPUB	20040603		Ambulatory hairdryer	34/96	34/97	Kroll, Mollie Beth et al.
US 20040088012 A1	US- PGPUB	20040506		Implantable stimulation device with isolating system for minimizing magnetic induction	607/9		Kroll, Mark W. et al.
US 20040078065 A1	US- PGPUB	20040422		System and method for monitoring blood glucose levels using an implantable medical	607/60		Kroll, Mark W.

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US 20040077962 A1	US- PGPUB	20040422		System and method for monitoring blood glucose levels using an implantable medical device	600/513		Kroll, Mark W.
US 20040073261 A1	US- PGPUB	20040415		Methods and systems for treating ventricular fibrillation	607/5		Kroll, Mark W.
US 20040044373 A1	US- PGPUB	20040304		Method and apparatus for electrically forcing cardiac output in an arrhythmia patient	607/14		Kroll, Kai et al.
US 20040039382 A1	US- PGPUB	20040226		Even temperature linear lesion ablation catheter	606/41		Kroll, Mark W. et al.
US 20040018845 A1	US- PGPUB	20040129		Nuisance cell phone locator	455/456.1	455/404.2; 455/422.1; 455/427; 455/456.2	Kroll, Mark W.
US 20040010290 A1	US- PGPUB	20040115		Method and device for treating cancer with electrical therapy in conjunction with chemotherapeutic agents and radiation therapy	607/3		Schroeppel, Edward A. et al.
US 20040003815 A1	US- PGPUB	20040108		Altitude adjustment method and apparatus	128/206.21	128/205.11	Kroll, Mark W.
US 20030160588 A1	US- PGPUB	20030828		Implantable cardioverter defibrillator with switchable power source and patient warning system cardiac device	320/103		Kroll, Mark W.
US 20030149453 A1	US- PGPUB	20030807		System and method for evaluating risk of mortality due to congestive heart failure using physiologic sensors	607/17		Kroll, Mark W. et al.
US 20030149367 A1	US- PGPUB	20030807		System and method for evaluating risk of mortality due to congestive heart failure using physiologic sensors	600/483		Kroll, Mark W. et al.
US 20030083719 A1	US- PGPUB	20030501		Implantable cardiac therapy device with dual chamber can to isolate high-frequency circuitry	607/60		Shankar, Balakrishnan et al.
US 20030069624 A1	US- PGPUB	20030410		XY selectable lead assembly	607/122		Kroll, Mark W.
US 20030050088 A1	US- PGPUB	20030313		Self defense cell phone with projectiles	455/550.1		Kroll, Chase R. et al.
US 20030045910 A1	US- PGPUB	20030306		Pacing mode to reduce effects of orthostatic hypotension and syncope	607/23		Sorensen, Chris et al.

US 20030040778 A1	US- PGPUB	20030227		Orientation of patient's position sensor using external field	607/17		Kroll, Mark W. et al.
US 20030040776 A1	US- PGPUB	20030227		Detection of patient's position and activity status using 3D accelerometer-based position sensor	607/9		Kroll, Mark W. et al.
US 20030003950 A1	US- PGPUB	20030102		Self defense cellular telephone	455/557		Kroll, Chase R. et al.
US 20020157165 A1	US- PGPUB	20021031		Light selective sports garments	2/69	2/102; 2/227; 2/410; 2/DIG.3	Kroll, Mark W. et al.
US 20020156506 A1	US- PGPUB	20021024		Disposable defibrillator	607/5		Kroll, Mark W. et al.
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US 20020120318 A1	US- PGPUB	20020829		His bundle sensing device and associated method	607/149		Kroll, Mark W. et al.
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US 20020077676 A1	US- PGPUB	20020620		Implantable device and method for the electrical treatment of cancer	607/75	607/2	Schroepfel, Edward A. et al.
US 20020033023 A1	US- PGPUB	20020321		Nitrogen-based refrigerator crisper	62/78		Kroll, Mark W. et al.
US 20020002389 A1	US- PGPUB	20020103		Cardiac stimulation devices and methods for measuring impedances associated with the left side of the heart	607/8		Bradley, Kerry et al.
US 20010049543 A1	US- PGPUB	20011206		Method and apparatus for biventricular stimulation and capture monitoring	607/28		Kroll, Mark W.
US 20010044645 A1	US- PGPUB	20011122		Temporary atrial cardioversion catheter	607/122	604/532	Hofstad, Michael L. et al.
US 20010031992 A1	US- PGPUB	20011018		System and method of generating a high efficiency biphasic defibrillation waveform for use in an implantable cardioverter/defibrillator (ICD)	607/5		Fishler, Matthew G. et al.
US 20010013766 A1	US- PGPUB	20010816		Thermal battery emergency system	320/104		Kroll, Mark W. et al.
US 20010007325 A1	US- PGPUB	20010712		Wind and insect resistant picnic system	220/574	206/499; 206/813; 229/400; 229/407;	Kroll, Mark W. et al.

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US 7103412 B1		USPAT	20060905		Implantable cardiac stimulation device and method for detecting asymptomatic diabetes	607/17	607/9	Kroll; Mark W.
US 7079891 B1		USPAT	20060718		System and method for providing cardioversion therapy and overdrive pacing using an implantable cardiac stimulation device	607/4	607/14; 607/15; 607/9	Kroll; Mark W.
US 7076301 B1		USPAT	20060711		Implantable cardiac stimulation device that minimizes parasitic muscle stimulation and method	607/17	607/9	Kroll; Mark W. et al.
US 7076300 B1		USPAT	20060711		Implantable cardiac stimulation device and method that discriminates between and treats atrial tachycardia and atrial fibrillation	607/14	607/5	Kroll; Mark W. et al.
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US 7043301 B1		USPAT	20060509		Implantable cardiac stimulation system providing high output far-field pacing and method	607/9	607/17; 607/25; 607/4	Kroll; Mark W. et al.
US 7029443 B2		USPAT	20060418		System and method for monitoring blood glucose levels using an implantable medical device	600/365	600/513; 607/22	Kroll; Mark W.
US 7024243 B1		USPAT	20060404		System and methods for preventing, detecting, and terminating pacemaker mediated tachycardia in biventricular implantable cardiac stimulation device	607/14	600/518	Bornzin; Gene A. et al.
US 7020521 B1		USPAT	20060328		Methods and apparatus for detecting and/or monitoring heart failure	607/14		Brewer; James E. et al.
US 7016720 B2		USPAT	20060321		System and method for monitoring blood glucose levels using an implantable medical device	600/513	600/365	Kroll; Mark W.

US 7010358 B1	USPAT	20060307	Single lead system for high voltage CHF device	607/122		Kroll; Mark W. et al.
US 7010346 B1	USPAT	20060307	Implantable medical device having atrial tachyarrhythmia prevention therapy	607/14		Schloss; Harold C. et al.
US 7006867 B1	USPAT	20060228	Methods and apparatus for overdrive pacing multiple atrial sites using an implantable cardiac stimulation device	607/14	607/17	Kroll; Mark W.
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US 6993379 B1	USPAT	20060131	System and method for emulating a surface EKG using an implantable cardiac stimulation device	600/510	600/509	Kroll; Mark W. et al.
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US 6826427 B1	USPAT	20041130	Methods and devices for inhibiting battery voltage delays in an implantable cardiac device	607/29	607/5	Fayram; Timothy A. et al.
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US 6817520 B2	USPAT	20041116	Magnetic card swipe signature security system	235/380	235/379; 235/383; 235/449; 235/493	Kroll; Mark W.
US 6813514 B1	USPAT	20041102	System and method for emulating a surface EKG using an implantable cardiac stimulation device	600/509		Kroll; Mark W. et al.
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US 6314319 B1	USPAT	20011106	Method and apparatus for temporarily electrically forcing cardiac output in a tachyarrhythmia patient	607/5		Kroll; Kai et al.
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US 5830236 A	USPAT	19981103		System for delivering low pain therapeutic electrical waveforms to the heart	607/5		Mouchawar; Gabriel et al.
US 5827326 A	USPAT	19981027		Implantable cardioverter defibrillator having a smaller energy storage capacity	607/5		Kroll; Mark W. et al.
US 5814075	USPAT	19980929		Method and apparatus	607/5	607/34	Kroll; Mark

A				for optimizing source allocation within an implantable cardioverter-defibrillator			W.
US 5782883 A	USPAT	19980721		Suboptimal output device to manage cardiac tachyarrhythmias	607/14		Kroll; Kai et al.
US 5772690 A	USPAT	19980630		System having a surrogate defibrillation electrode for testing implantable cardioverter-defibrillators during implant	607/7		Kroll; Mark W.
US 5772689 A	USPAT	19980630		Implantable cardioverter-defibrillator with apical shock delivery	607/4		Kroll; Mark W.
US 5761019 A	USPAT	19980602		Medical current limiter	361/58	128/908; 361/93.9	Kroll; Mark W.
US 5749910 A	USPAT	19980512		Shield for implantable cardioverter defibrillator	607/36		Brumwell; Dennis A. et al.
US 5741307 A	USPAT	19980421		Method for determining an ICD replacement time	607/5	607/29	Kroll; Mark W.
US 5741303 A	USPAT	19980421		Electrode back-charging pre-treatment system for an implantable cardioverter defibrillator	607/5		Kroll; Mark W. et al.
US 5738105 A	USPAT	19980414		Method and apparatus for sensing R-waves using both near field and far field sensing simultaneously	600/510	600/374; 600/515; 607/5	Kroll; Mark W.
US 5735878 A	USPAT	19980407		Implantable defibrillator having multiple pathways	607/5		Kroll; Mark W. et al.
US 5735876 A	USPAT	19980407		Electrical cardiac output forcing method and apparatus for an atrial defibrillator	607/5		Kroll; Kai et al.
US 5733309 A	USPAT	19980331		Method and apparatus for capacitive switching output for implantable cardioverter defibrillator	607/5		Kroll; Mark W. et al.
US 5718718 A	USPAT	19980217		Method and apparatus for polarity reversal of consecutive defibrillation countershocks having back biasing precharge pulses	607/5		Kroll; Mark W. et al.
US 5713944 A	USPAT	19980203		Cardioversion-defibrillation catheter lead having selectively exposable outer conductors	607/122		Kroll; Mark W.
US 5709709	USPAT	19980120		ICD with rate-	607/4	607/122;	Kroll; Mark

A				responsive pacing		607/6; 607/8	W.
US 5697953 A	USPAT	19971216		Implantable cardioverter defibrillator having a smaller displacement volume	607/5		Kroll; Mark W. et al.
US 5690685 A	USPAT	19971125		Automatic battery- maintaining implantable cardioverter defibrillator and method for use	607/5	607/29; 607/34	Kroll; Mark W. et al.
US 5674248 A	USPAT	19971007		Staged energy concentration for an implantable biomedical device	607/5		Kroll; Mark W. et al.
US 5662696 A	USPAT	19970902		One piece disposable threshold test can electrode for use with an implantable cardioverter defibrillator system	607/116	607/36; 607/37; 607/8	Kroll; Mark W. et al.
US 5662534 A	USPAT	19970902		Golf ball finding system	473/353	473/372	Kroll; Braden W. et al.
US 5658319 A	USPAT	19970819		Implantable cardioverter defibrillator having a high voltage capacitor	607/7	607/5	Kroll; Mark W.
US 5649974 A	USPAT	19970722		Low profile defibrillation catheter	607/122	29/825	Nelson; Randall S. et al.
US 5645573 A	USPAT	19970708		Optimal pulse defibrillator	607/7		Kroll; Mark W. et al.
US 5645572 A	USPAT	19970708		Implantable cardioverter defibrillator with slew rate limiting	607/5	128/901; 607/36	Kroll; Mark W. et al.
US 5643323 A	USPAT	19970701		System and method inducing fibrillation using an implantable defibrillator	607/2		Kroll; Mark W. et al.
US 5620469 A	USPAT	19970415		Stepped cardioversion system for an implantable cardioverter defibrillator	607/7	607/5	Kroll; Mark W.
US 5620464 A	USPAT	19970415		System and method for delivering multiple closely spaced defibrillation pulses	607/5		Kroll; Mark W. et al.
US 5607460 A	USPAT	19970304		Physician interface expert system for programming implantable arrhythmia treatment devices	607/30	607/59	Kroll; Mark W. et al.
US 5591210 A	USPAT	19970107		Implantable defibrillation system and method for producing only short pulse waveforms	607/5		Kroll; Mark W. et al.
US 5591209 A	USPAT	19970107		Implantable defibrillator system for generating an active biphasic waveform	607/5	607/74	Kroll; Mark W.
US 5549933 A	USPAT	19960827		Process for painting snow	434/84	106/160.1; 427/136;	Adams; Theodore P.

						427/137; 427/212; 427/256; 427/427.3; 427/427.4	et al.
US 5549643 A	USPAT	19960827		Optimal pulse defibrillator	607/7		Kroll; Mark W. et al.
US 5540721 A	USPAT	19960730		Process and apparatus for defibrillation system with a small capacitor	607/5	607/74	Kroll; Mark W.
US 5534015 A	USPAT	19960709		Method and apparatus for generating biphasic waveforms in an implantable defibrillator	607/7	607/5; 607/74	Kroll; Mark W. et al.
US 5531782 A	USPAT	19960702		Implantable medical electrode with reduced number of conductors	607/122		Kroll; Mark W. et al.
US 5531770 A	USPAT	19960702		Device and method for determining defibrillation thresholds	607/8		Kroll; Mark W. et al.
US 5531766 A	USPAT	19960702		Implantable cardioverter defibrillator pulse generator kite-tail electrode system	607/5	607/36; 607/9	Kroll; Mark W. et al.
US 5531764 A	USPAT	19960702		Implantable defibrillator system and method having successive changeable defibrillation waveforms	607/5	607/15	Adams; Theodore P. et al.
US 5527346 A	USPAT	19960618		Implantable cardioverter defibrillator employing polymer thin film capacitors	607/5		Kroll; Mark W.
US 5522853 A	USPAT	19960604		Method and apparatus for progressive recruitment of cardiac fibrillation	607/5		Kroll; Mark W.
US 5514160 A	USPAT	19960507		Implantable defibrillator for producing a rectangular-shaped defibrillation waveform	607/5		Kroll; Mark W. et al.
US 5507781 A	USPAT	19960416		Implantable defibrillator system with capacitor switching circuitry	607/7	607/5; 607/74	Kroll; Mark W. et al.
US 5458620 A	USPAT	19951017		Cardiac arrhythmia detection using interdependent multiple parameter settings	607/5	128/925; 600/518	Adams; Theodore P. et al.
US 5454839 A	USPAT	19951003		Low profile defibrillation catheter	607/123		Anderson; Kenneth M. et al.
US 5449377 A	USPAT	19950912		Overcharged final countershock for an implantable cardioverter defibrillator and method	607/7		Adams; Theodore P. et al.
US 5447521 A	USPAT	19950905		Safety system for an implantable defibrillator	607/5	600/547; 607/37; 607/6	Anderson; Kenneth M. et al.
US 5441518 A	USPAT	19950815		Implantable cardioverter defibrillator system	607/5		Adams; Theodore P.

				having independently controllable electrode discharge pathway			et al.
US 5439482 A	USPAT	19950808		Prophylactic implantable cardioverter-defibrillator	607/5	607/36	Adams; Theodore P. et al.
US 5431687 A	USPAT	19950711		Impedance timed defibrillation system	607/8		Kroll; Mark W.
US 5431686 A	USPAT	19950711		Method for optimal pulse defibrillation using an implantable defibrillator	607/7	607/6	Kroll; Mark W. et al.
US 5411526 A	USPAT	19950502		Improved implantable defibrillator system for producing true-voltage-pulse waveforms	607/5		Kroll; Mark W. et al.
US 5407444 A	USPAT	19950418		Staged energy concentration for a defibrillator	607/5	320/103; 320/166	Kroll; Mark W.
US 5405363 A	USPAT	19950411		Implantable cardioverter defibrillator having a smaller displacement volume	607/5	607/36	Kroll; Mark W. et al.
US 5391186 A	USPAT	19950221		Method and apparatus for utilizing short tau capacitors in an implantable cardioverter defibrillator	607/5		Kroll; Mark W. et al.
US 5391185 A	USPAT	19950221		Atrial cardioverter with ventricular protection	607/4		Kroll; Mark W.
US 5383907 A	USPAT	19950124		System and method for delivering multiple closely spaced defibrillation pulses	607/5		Kroll; Mark W.
US 5376103 A	USPAT	19941227		Electrode system for implantable defibrillator	607/5		Anderson; Kenneth M. et al.
US 5366487 A	USPAT	19941122		Fibrillation and tachycardia detection	607/5	600/518	Adams; Theodore P. et al.
US 5366485 A	USPAT	19941122		Apparatus for defibrillation pretreatment of a heart	607/5		Kroll; Mark W. et al.
US 5366484 A	USPAT	19941122		Short-pulse cardioversion system for an implantable cardioverter defibrillator	607/5		Kroll; Mark W.
US 5351687 A	USPAT	19941004		Method and apparatus for non-invasively determining a patient's susceptibility to ventricular arrhythmias	600/409		Kroll; Mark W. et al.
US 5342399 A	USPAT	19940830		Implantable defibrillator system having a small capacitance valve	607/5		Kroll; Mark W.
US 5336245 A	USPAT	19940809		Storage interrogation apparatus for cardiac data	607/32	128/904	Adams Theodore P. et al.
US 5334219 A	USPAT	19940802		Method and apparatus for separate-capacitor	607/5		Kroll; Mark W.

				cardioversion			
US 5330509 A	USPAT	19940719		Method and apparatus for far-field tachycardia termination	607/14		Kroll; Mark W. et al.
US 5325870 A	USPAT	19940705		Multiplexed defibrillation electrode apparatus	607/122		Kroll; Mark W. et al.
US 5314448 A	USPAT	19940524		Process for defibrillation pretreatment of a heart	607/5		Kroll; Mark W. et al.
US 5312443 A	USPAT	19940517		Arrhythmia-detection criteria process for a cardioverter/defibrillator	607/5	128/925; 600/518	Adams; Theodore P. et al.
US 5306291 A	USPAT	19940426		Optimal energy steering for an implantable defibrillator	607/5		Kroll; Mark W. et al.
US 5300110 A	USPAT	19940405		Dirk-based epicardial defibrillation electrode	607/130		Latterell; Scott T. et al.
US 5265623 A	USPAT	19931130		Optimized field defibrillation catheter	607/122		Kroll; Mark W. et al.
US 5258906 A	USPAT	19931102		System for remotely authorizing operation of a device and for automatically generating an invoice based on device usage	705/2	379/106.02; 379/93.12; 705/34	Kroll; Mark W. et al.
US 5257634 A	USPAT	19931102		Low impedance defibrillation catheter electrode	607/122	607/128	Kroll; Mark W.
US 5241960 A	USPAT	19930907		Defibrillator pulse generator	607/5		Anderson; Kenneth M. et al.
US 5199429 A	USPAT	19930406		Implantable defibrillator system employing capacitor switching networks	607/5		Kroll; Mark W. et al.
US 5188116 A	USPAT	19930223		Electrocardiographic method and device	600/509	600/516; 600/517	Pommrehn; Mark R. et al.
US 5117834 A	USPAT	19920602		Method and apparatus for non-invasively determining a patient's susceptibility to ventricular arrhythmias	600/518		Kroll; Mark W. et al.
US 4956877 A	USPAT	19900911		Optical fiber reflective signal modulation system	398/170	398/141; 398/168; 398/169	Kroll; Mark W. et al.
US 4947859 A	USPAT	19900814		Bio-acoustic signal sensing device	600/528	381/355; 381/364; 600/586	Brewer; James E. et al.
US 4890630 A	USPAT	19900102		Bio-electric noise cancellation system	600/508	128/902; 128/905	Kroll; Mark W. et al.
US 4879760 A	USPAT	19891107		Optical fiber transmissive signal modulation system	398/168	340/870.29	Kroll; Mark W. et al.
US 4832608 A	USPAT	19890523		Electrode belt adapter	439/67	439/465; 600/390; 600/394	Kroll; Mark W.
US 4811156 A	USPAT	19890307		Medical current limiter	361/58	361/101; 600/509	Kroll; Mark W.

US 4775018 A		USPAT	19881004		Load cell assembly		177/134	177/211	Kroll; William P. et al.
US 4769760 A		USPAT	19880906		Terrain biased dynamic multiple threshold synchronization method and apparatus		702/79	324/76.39; 324/76.44; 327/41; 340/825.2; 375/317; 375/371; 600/525	Kroll; Mark W. et al.
US 4763660 A		USPAT	19880816	14	Flexible and disposable electrode belt device		600/391	439/77; 600/397; 607/149; 607/152	Kroll; Mark W. et al.
US 4744369 A		USPAT	19880517		Medical current limiting circuit		600/509	128/908; 323/312; 323/908; 327/313; 361/18; 361/58	Kroll; Mark W.
US 4714121 A		USPAT	19871222		Wheel scale assembly		177/134	177/164; 177/255	Kroll; William P. et al.
US 4672977 A		USPAT	19870616		Lung sound cancellation method and apparatus		600/528	600/390; 600/586	Kroll; Mark W.
US 4672976 A		USPAT	19870616		Heart sound sensor		600/528	381/364; 381/385; 600/586	Kroll; Mark W.